

JA 0169350

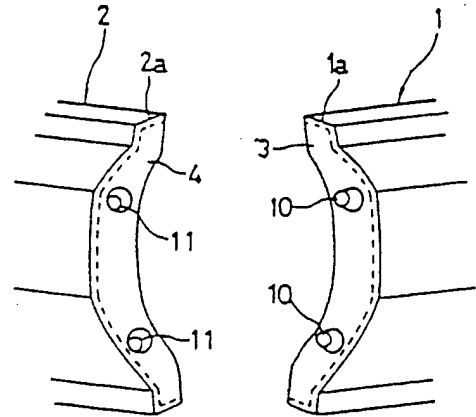
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(54) CONNECTING STRUCTURE BETWEEN BUMPER MAIN AND BUMPER SIDE

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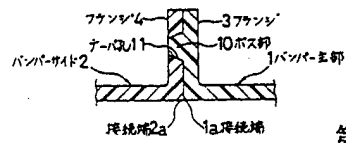
PURPOSE: To avoid the stress concentration due to the expansion and shrinkage of a bumper main by forming truncated cone-like boss sections and taper holes on flanges of individual connecting ends of the bumper main and a bumper side.

CONSTITUTION: Truncated cone-like boss sections 10 are protruded on the upper and lower sections of a flange 3 face integrally molded on the connecting end 1a of a bumper main 1. On the other hand, taper holes 11 for containing the boss sections 10 are formed on a flange 4 integrally molded on the connecting end 2a of a bumper side 2. These boss sections 10 and taper holes 11 are coupled to connect the bumper main 1 and bumper side 2.

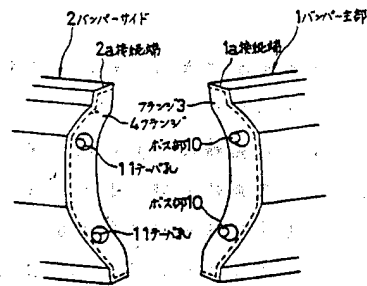


1: bumper main, 1a,2a: connecting end, 2: bumper side.
3,4: flange, 10: boss section, 11: taper hole

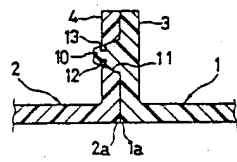
第 1 図



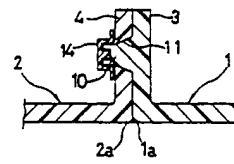
第 2 図



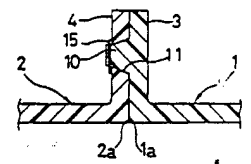
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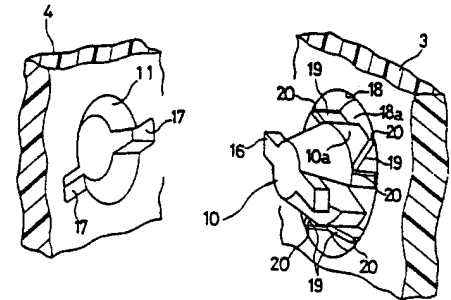
第 4 図



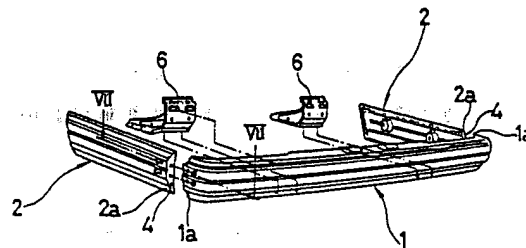
第 5 図



第 6 図



第 7 図



第 8 図

